

Testing Materials for Durability, by E. N.  
Maslov, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 4, 1949,  
pp 464-465.

CIA/FDD/X-1239

x-27036

Scientific - Minerals/Metals  
CTS/DEX

Also Sci Mus Lib 50/1017 and  
Brutcher Tr 2347, \$1.50

9873

Determination of Chromium and Nickel in Steel Without  
the Use of Silver Nitrate, by A. G. Bogdanchenko.

RUSSIAN, per, Zavod Lab, Vol XV, 1949, pp 474-477.

Brutcher Tr No 2436

Scientific - Min/Metals

\$2.70

14,766

Zhurnal Lat Vol XV, No 5, pp 517-22 (1949)

Amperometric Determination of Some Basic  
Components of Electrolytes of Baths for the  
Electro-Deposition of Metal.

N. G. Chornyyk, N. N. Kuz'mina  
A. N. Gal'kina, B. Ya. Starik

Avail @ Sci Museum - 50/0511

B. Brit

Available @ B. N. L. AEC 12 461

Potentiometric Determination of Chlorides in an Ammoniacal Medium When Bromides and Iodides are Present, by M. B. Shchigol', 11 pp.

RUSSIAN, per, X Zavod Lab, Vol XV, No 5, 1949, pp 523-528.

CIA/FDD/SX-1279

CTS 62-18206

Scientific - Chemistry  
CTS/DEK

11,166

9319/4171

Potentiometric Determination of Chlorine in the presence of Sulfur Dioxide, by M. P. Berkovich, G. S. Iuzina, M

RUSSIAN, ~~no per~~, Zavod Lab, Vol XV, No 5, 1949,  
pp 534-537.

AEC Tr 456  
Sci Mus Lib 50/0390  
OSIR/4175/CT

15,820

Scientific - Chemistry

June 1951 CTS

A Cone-Type Rotary Viscometer, by K. F. Zhigach, D. E. Zlotnik, 9 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 5, 1949, pp 542-547.

CIA/PED/X-1266

Scientific - Physics  
CIS/DEX

10,813

*10/11/49*  
*DEC 1949 CT*

Comparison of Rotary and Capillary Viscometers, for  
Determining Viscous Properties of Lubricating Oils  
at Low Temperatures, by V. L. Val'dman, A. M.  
Fomina, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 5, 1949,  
pp 547-549.

CIA/FDD/X-1274 11,026

Scientific - Physics  
CIS/DEX

*11/10/49*  
*11/10/49*

Determination of Microstructure of Welds of Stainless Steel on Basis of Microhardness, by B. I. Medovar, A. Anis.

RUSSIAN, per, Zavod Lab, Vol XV, No 5, 1949, *4-71-571*

Brutcher Tr No 2318  
also AEC Tr 124

Scientific - Minerals/Metals

\$1.90

*14,529*

Concerning a Method of Studying the Character of the  
Destruction of Steel, by B. S. Natapov, UNCL

RUSSIAN, per, Zavod Lab, No 5, 1949, pp 576, 580.

\*ATIC MCL-537/III

Sci - Min/Met  
1 Mar 60  
IC 40347 - item 21

Furnace for Heating Specimens During Brief and  
Prolonged Tensile Tests, by A. V. Antonovich,

RUSSIAN, per, <sup>v</sup>Zapod Lab, Vol XV, pp 618-621,  
1949,

C.S.I.R.O.

Sci - Min/Net - Metallurgy

May 60

116,359

Photo-Turbidimetric Method of Determining  $SO_2$  in  
Presence of Oxides of Nitrogen, by R. E. Oshetrovych  
and G. V. Babovskyi, 5 pp.

RUSSIAN, Zavod Lab, No 6, 1949, pp 650-653.

Sci Museum ~~Lab~~ No 51/2895

Scientific

Gas Analysis Using Colorimetry, by E. A. Peragud.

RUSSIAN, per, Zavod Lab, Vol XV, No 6, 1949,  
pp 665-669.

MLL N. 3622

Sci - Chem

Aug 62

207,156

Nature of "Flares" of Lines in Electric-Arc  
Spectrum, by L. M. Filimonov. UNCLASSIFIED

RUSSIAN, per Zavod Lab, vol XV, No 6, 1949,  
pp 688-691.

Brutcher Tr 3214

Scientific - Minerals/Metals

11,946

Price \$3.6-

Cutting Temperature, and Methods of Determining It,  
by A. P. Ghulyaev, 8 pp.

RUSSIAN, per, Zavod Lab, No 6, 1949, pp 717-723.

~~SECRET~~

Sci Museum Lib No 51/3308-London

DAVIDENKOV, N.N., MOKIEVSKAYA, N.G. and  
TIMOFEEVA, M. N.  
HB-2658. Determination of stresses in plastic  
torsion. Zavodskaya Lab., 13, no.6, p.720-727, 1949.  
\$7.80.

SHISTERMAN, K. A.  
YAKOVLEVA, O. A.

Zavodskaya laboratoriya, vol. 15, 1949, pp. 782-784;  
4 tables, 1700 words.

Photocolorimetric Analysis of Stainless Steels.

Brutcher Trans, Order No. 2390, \$2.95.

ZAVOD LAB

U.S.S.R. No. 7, 3 pp, 1949

"Polarization Method for Accelerating Tests of Corrosion-Resistance of Metals in Sea Water"

L. V. Yelin  
E. Sh. Ryt

Brutcher Translation 2395  
Available in NRL  
Abstract 445-99

62/49T84

Preparation of Metallographic Sections and  
Development of Microstructure of Cemented  
Carbides, by I. N. Chaporova

RUSSIAN, per, K Zavod Lab, Vol XV, No 7, 1949,  
pp 799-805.

Brutcher Order No 3061  
Price \$5.60

Scientific - Minerals/Metals      Jun 53 CTS

2239

Rapid Method for Calcium Carbide in Slag, by A. G.  
Bogdanchenko,

RUSSIAN, per, Zavod Lab, Vol XV, 1949, pp 851-853

Brutcher Tr Order No 2417  
\$2.30

15,165

Scientific - Min/Metals

Spectrographic Determination of Phosphorus in  
Irons, by M. S. Alpatov.

RUSSIAN, per, Zavodskaya Laboratoriya, Vol XV, No 7,  
1949, pp 857, 858.

Brutcher Tr 2585

Scientific - Min/Metals

\$1.80

12,764

Device for Determining the Fluidity and Rate of  
Flow of a Stream of Liquid Metal, by L. L. Kunin,  
UNCLASSIFIED

RUSSIAN, Zavodskaya Laboratoriya, Vol 15, 1949,  
No 7, pp 870-872.

Brutcher Order No 2516

Scientific - Metallurgy, fluidity, metal

February 1953

Investigation of Sparking-Out Effect and the ~~influence~~  
Influence of Third Elements in Spectroanalysis,  
~~Russian~~ Communication I, by *L. N. Filimonov*

RUSSIAN, per, Zavod Lab, Vol XV, No 8, 1949,  
pp 919-936.

Bratcher Tr 3535  
\$9.80

*26,074*

Scientific - Min/Metals

Aug 55 CTB

Theory of the Additive Deformation Diagram and  
Calculation of the Actual Resistances to Rupture,  
by V. Ya. Shekhter.

RUSSIAN, per, Zavod Lab, No 8, 1949, pp 957-961.  
9661849.

ATIC MEL 562/1

Sci - Phys  
Jun 61

155,539

SYROKOMSKII, V. S.  
SILAEVA, E. V.

ZAVODSKAYA LABORATORIYA, vol 15, No 9, 1949

New Volumetric Method for Titanium (Part V of "Influence  
of Complex Formation on Magnitude of Potential of Analyti-  
cally Significant Systems"

Brutcher Tr 2622, \$4.40

PLOTKIN, N. Z.  
AND OTHERS

Zavodskaya Laboratoriya, vol. 15, 1949, pp. 999-1000;  
1 figure, 1 table, 1150 words.

Rapid Method for Ferrous Oxide in Sinter.

Brutcher Trans, Order No. 2410, \$1.90.

Photometric Determination of Chromates and  
Sulfates in an Ammoniacal Medium, by M. B. Shchigol',  
I. S. M. Birnbaum.

RUSSIAN, per, Zavodskaya Laboratoriya, Vol XV, 1949,  
1027-1030.

Museum  
Sci ~~100~~ Lib No 50/2863

Scientific - Chemistry

14,803

Accurate Measurement of Crystal Lattice Constants, by  
A. Z. Zhmudskiy, 18 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 9, 1949,  
pp 1055-1061.

CIA/FOO/X-1356

Scientific - Chemistry  
CTS/DEX

14,393

Method of Determining the Critical Quenching Rate, by  
M. E. Blanter.

RUSSIAN, Zavod Lab, Vol XV, No 9, 1949, pp 1077-1079.

Brutcher Tr No 2472

Scientific - Min/Metals

\$1.60

14,936

Hardness Testing at High Temperatures, by Ex  
I. L. Mirkin, D. E. Livshits

RUSSIAN, no per, Zavod Lab, Vol XV, No 9, 1949,  
pp 1080-1087.

Brutcher No 3197

\$7.40

41, 412

Sci - Min/Metals

Dec 56 CTS

ASLIB-634

Notched-Bar Impact Strength of Specimens as Affected  
by Microstructure Below the Notch, by A. E. Asnis,  
B. I. Medovar.

RUSSIAN, per, Zavod Lab., Vol XV, 1949, pp 1102-1103.

Brutcher Tr No 2413

Scientific - Minerals/Metals

14,530

~~\$1.20~~ \$1.90

62-18724

Chernikhov, Yu. A. and Dobkina, B. M.  
METHODS OF CHEMICAL ANALYSIS. [1962] [11]p.  
3 refs.

Order from OTS or SLA \$1.60

62-18724

I. Chernikhov, Yu. A.  
II Dobkina, B.M.

Trans. of Zavodskaya Laboratoriya (USSR) 1949, v. 15  
[no. 10] p. 1143-1149.

DESCRIPTORS: \*Sodium compounds, \*Carbamates,  
Stability, Organic solvents, Solvent extraction,  
\*Chemical analysis.

(Chemistry--Analytical, TT, v. 9, no. 8)

Office of Technical Services

Investigations of the  $\lambda$  Sparking-out Effect and of  
the Influence of Third Elements in Spectroanalysis,  
Part II: Investigation of Nature of the Influence  
of Third Elements, by L. N. Filimonov, UNCLASSIFIED

RUSSIAN, per, Zavod Lab, Vol XV, 1949, No 10,  
pp 1178-1184

Brutche: Order no 3001  
Price \$6.60

Scientific - Metallurgy, chemistry, physics

4/62

Investigation of the Sparking-Out Effect and of the  
Influence of Third Elements in Spectroanalysis,  
Communication III, Influence of Carbon and Nitrogen,  
by L. N. Filimonov

RUSSIAN

~~CHINESE~~, per, Zavod Lab, Vol 15, 1949, No 10, pp 1184-1193

Brutcher Order No 3002

Scientific - Spectroanalysis

Price \$8.60

1382

Spectroanalytical Methods for Ferroalloys, by M. V. Esbayev.

RUSSIAN, per, Zavod Lab, Vol XV, No 10, 1949,  
pp 1193-1197.

Drutcher Tr No 2499

Scientific - Min/Metals

15,063

\$3.85

Fluidity of Metals and Methods of Determining  
Fluidity, by Yu. A. Klyachko, L. L. Kuniñi

RUSSIAN, per, Zavod Lab, Vol XV, 1949, No 10,  
pp 1198-1206.

Butcher Order No 2539  
Price \$9.80

Scientific - Metallurgy

2230

Determination of Slag Viscosity During the Melting of  
Steel, by V. T. Braga.

RUSSIAN, per, Zavodskaya Laboratoriya, Vol XV, No 10,  
1949, pp 1206-1209.

Brutcher Fr No 2475

16,506

Scientific - Min/Metals

\$2.45

MAKOLIN, I.A.

ZAVOD LAB vol 15, 1949, No 10, pp 1209-1212

Adsorption balance for the study of the corrosion of  
metals and alloys by gases at high temperatures

Brutcher trans 2548, \$2.70

Preparation of Colloidal Palladium for the  
Determination of Hydrogen in ~~Gaseous~~ Gaseous  
Mixtures, by N. A. Grudeva.

RUSSIAN, per, Zavod Lab, Vol XV, 1949,  
pp 1247-1248.

MLL N. 3636

Sci - Chem

201,154

Aug 62

Afanasev, B.N.  
TOEPASSING VAN CHLOORAMINE VOOR KWANTITATIEVE BEPALING VAN ORGANISCHE VERBINDINGEN (Use of chloramine-T for quantitative analysis of organic compounds). 14 p. 5 refs. MTWL: 456. (Text in Dutch).  
Order from OTS or ETC \$1.85                      61-17045

Trans. of Zavodskaya Laboratoriya (USSR) 1949, v. 15, no. 11, p. 1271-1276.

DESCRIPTORS \*Organic compounds, Chemical analysis, \*Chloramines.

61-17045

- I. Afanasev, B.N.
- II. MTWL-456
- III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

Office of Technical Services

Using Solid Electrodes in Polarography, Part VII,  
Oxidation of Organic Compounds, by E. M. Skobets,  
N. N. Atamanenko, 17 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 11, 1949,  
pp 1291-1299.

ALL 5828.4F

CIA/FDD/X-1220

Scientific - Chemistry  
CTS/DEX

9874

Dropping Mercury Electrode With Forced Separation  
of the Drop, by E. M. Skobets, N. S. Kavetskiy,  
15 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 11, 1949,  
pp 1299-1305.

CIA/FDD/X-1219

TI-64-20329

Scientific - Electronics  
CTS/DEX

9696

Zavod khim. Vol XV, No 11, p 1308-1313, 1949

"Installation for Combined Electrochemical  
Analysis of Metals with Automatic Con-  
version to Polarograph."

by P. N. Kovalenko

USPHS Translation

17 May, 1950.

CFST I # 65-60089

Method of Measuring the Dynamic Modulus of Elasticity of Highly Elastic Materials as a Function of the Degree of Compression, by B. N. Barten'ev with the collaboration of N. M. Novikova.

Full translation.

RUSSIAN, per, Zavod Lab, Vol XV, 1949, pp 1334-1339.

Sci - Chem

AEC Tr 1906

*See numbers 5/1/50*

A Method of Measuring the Dynamic Modulus of  
Elasticity of Highly-Elastic Materials as a  
Function of the Degree of Compression, by  
G. M. Bartenev, 12 pp.

RUSSIAN, Zavod Lab, vol, 11, 1949,  
pp 1334-1339. <sup>15</sup>

Sci Museum No 51/2820

Scientific

ZARUBIN, N. M.

Zavodskaya Laboratoriya, vol. 14, 1949, pages 1343-1436.

Metallographic study of cemented carbides.

Brutcher, Trans. Order No. 2386, \$2.85

Photocolorimetric Determination of Silicon in Cast  
Iron and Steel, by Y. I. Usatenko and Y. Y. Orlova,  
3 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 11, 1949, pp  
1365, 1366. (Loan Copy Only)

SLA R-2061

Sci

Aug 58

71,142

Determination of Silicon in Steel by the Photo-  
electric Method, by <sup>g</sup>~~F.~~ P. Tesirenko, 2 pp.

RUSSIAN, <sup>g</sup>ex per, Zavod Lab, Vol XV, No 11, 1949,  
p 1367.

SLA R-2060

Sci

71,141

Aug 58

Determination of Small Quantities of Copper With  
Hydrazine Sulfate, by Ts. G. Raykhinshteyn, 11 pp.

RUSSIAN, per, Zaved Lab, Vol XV, No 12, 1949,  
pp 1407-1411.

CIA/FDD/R-1139

Scientific - Chemistry  
CIS/DEX

7079

Potentiometric Determination of Silver Ions in an  
Ammoniacal Medium, by M. D. Shchigol', 13 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 12, 1949,  
pp 1420-1425.

CIA/TDD/z-1140

Scientific - Chemistry  
CTS/DEX

7074

Potentiometric Determination of Chloride Ions  
Without Silver Nitrate, by D. A. Vyakhirev,  
S. A. Guglina, 11 pp.

RUSSIAN, per, Zavod Lab. Vol XV, No 12, 1949,  
pp 1426-1430.

CIA/FDD/X-1141

Scientific - Chemistry  
CPS/DEX

7080

Rapid Method for the Determination of Trace Amounts of  
Cobalt in Nickel Electrolytes and in Cathodic  
Nickel, by M. N. Chepik.

Full translation.

RUSSIAN, per, Zavod Lab, Vol XV, USSR, 1949, p 1470.

AEC Tr 1541

*Butcher No 2519*

*\$1.20*

Scientific - Minerals/metals

May 53 CTS

2090

Preparation and Control of Diamond Pyramids in  
Conditions for Microhardness Testing, by E. S.  
Korovin, Y. V. Hyakotnykh.

RUSSIAN, ~~Eng.~~ Zavod Lab, Vol XV, No 12, 1949, pp  
1486-1490.

Sci Mus Lib 50/2306

Sci - Physics

15, 819

Determination of Gases in Ferrous Metals.  
Communication I: Re-Design of Apparatus for  
Vacuum Fusion Method, by Yu. A. Klyachko,

Full translation.

RUSSIAN, per, Zavod Lab, ~~YSXXE~~ Vol XVI, No 1, 1950,  
pp 17-23.

Brutcher Tr No 3103

Scientific - Chemistry

Jul 53 CTS/DEX  
Price \$6.80

3961

The Potentiometric Method of Determining Zinc  
in Magnesium Alloys, by L.YA. Polyak and F.M.  
Shemyakin.

RUSSIAN, per, Zavodskaya Laboratoriya, 1950,  
Vol. 16, no.1, pp. 24-28.

SLA-TT-64-20378

Chem  
Aug 66

306<sup>7</sup>,619

Rapid Method for Determining Calcium and Magnesium in  
Dolomites, Magnesites, and Open-Hearth Slags, by Yu.  
I. Usatenko and O. V. Datsenko.

RUSSIAN, Zavod Lab, Vol 16, 1950, No 1, pp 94-96.

Brutcher Tech Tr No 2923

Rapid Method for Determining Iron Oxide in the  
Presence of Chromium, by S. T. Balyuk, V. M. Mirda<sup>\*</sup> Yan.

RUSSIAN, per, Zavod Lab, Vol XVI, No 3, 1950,  
pp 100-101.

Butcher Tr No 2922

Scientific - Minerals/Metals

14,448

Simplified Method of Testing Refractory Products  
for Slagging Resistance, by V. M. Strelets, and  
V. V. Radin, UNCLASSIFIED

RUSSIAN, per, Zavod, Lab, Vol XVI, 1950, No 1,  
pp 103-109.

Butcher Order No 2988  
Price \$2 75

Scientific - Metallurgy

463

Macroscopic Determination of Hydrogen in Solid  
Steels, by Podoliskaya and Shumovskii.  
UNCLASSIFIED

RUSSIAN, per, Zavod Lab, Vol XVI, No 2, 1950,  
pp 168-173.

Navy Tr 751/Buships 527

Scientific - Chemistry

also Bratcher No 2724, 53.50

Jul 53 CTS

Selection of Flux for Determination of Carbon in  
Ferrochromium, by M. V. Babayev.

RUSSIAN, per, Zavod Lab, Vol XVI, No 5, 1950, pp 221-  
224.

Brutcher Tr No 2721

15,064  
Scientific - Min/Metals

\$2.40

Method of Preparing Iron Powder, by N. N. Alekseev.

Zavodskaya  
RUSSIAN, per, ~~XXXXXXXXXX~~ Laboratoriya, Vol XVI,  
1950, p 256

Brutcher Tr 2666

12,927

Scientific - Min/Metals

\$1.00

Determination of Uncombined and Combined Carbon in  
Steel, by N. M. Popova, M. F. Rybina.

RUSSIAN, per, Zavod Lab, Vol XVI, No 3, 1950,  
pp 280-283.

Brutcher Trans No 2972

Scientific - Metallurgy, steel, carbon

Determination of Gases in Ferrous Metals,  
Communication II. Apparatus and Microanalytical  
~~and~~ Procedure for the Determination of Hydrogen  
by the Vacuum-Heating Method, by Yu. A. Klyachko,  
A. D. Atlasov,

RUSSIAN, per, Zavod Lab, Vol XVI, No 3, 1950,  
pp 283-290.

26,073

Brutcher Tr 3548  
\$4.80

Scientific - Min/Metals

Aug 55 CTS

Method of Determining the Dynamics of Shrinkage of  
Coals During Coking, by A. E. Bresler.

3

RUSSIAN, 'per, Zavod Laboratoriya, Vol XVI, No 3,  
1950, pp 291-297.

Brutcher Tr No. 2763

Scientific - Fuels

\$6.90.

16,375

Spectrographic Determination of Nitrogen in Steel,  
by S. L. Mandel'shtam, O. E. Pal'kova

RUSSIAN, per. Zavodskoye Laboratoriya, Vol XVI, No 4,  
1950, pp 430-438

Brutcher Tr 3203

10,449

Sci - Min/Metals  
CPS/DEX

Price \$8.60

(FDU 89256)

Progress of Analytical Chemistry in the USSR for  
1949, by Yu. A. Klyachko, 15 pp.

RUSSIAN, no per, Zavod Lab, Vol XVI, No 5, Moscow,  
May 1950, pp 515-526.

CIA/FDU U-9071

41, 0 24

USSR

Sci - Chemistry

Oct 56

(FDD 29219)

Employment of Extraction in Chemical Analysis  
~~XXXX~~ (USSR) by A. K. Babko, 6 pp.

RUSSIAN, no per, Zavod Lab. Vol XVI, No 5, 1950,  
Moscow, May 1950, pp 527-536.

CIA/FDD U-9025

41,030

USSR  
Sci - Chemistry  
RIG Oct 56

Colorimetric Determination of Trace Elements of  
Phosphorus, Arsenic and Silica in Nickel and Copper,  
by N. A. Phillipova, L. I. Kuznetsova,

Full translation.

RUSSIAN, per, Zavod Lab, Vol XVI, USSR, 1950, pp 536-546.

AEC Tr 1544

Scientific - Minerals/Metals

May 53 CTS

2091

Micrographic Analysis of Ferrous Alloys and Alloy  
Steels by Heat Tinting, by S. S. Gorelik, B. G.  
Livchits

RUSSIAN, per, Zavod Lab, Vol XVI, No 5, 1950,  
pp 578-580.

Brutcher Tr 3193

Scientific - Minerals/Metals  
CRS/DEX Price \$2.60

8527

Spectrochemical Determination of Chromium in  
Carbide Residues, by I. M. Veselovskaya, V. G.  
Koritskii

Full translation.

RUSSIAN, per, Zavod Lab, Vol XVI, No 5, 1950,  
pp 632-633.

Brutcher Tr No 3009

Jul 53 CTS/DEX

Scientific - Minerals/Metals

Price \$1.90

3513

Procedure for Chemical Isolation of Iron Carbide  
from Austenitic Steel, by A. M. Dymov, S. B. Corelik.

RUSSIAN, ~~per~~, ~~Zavodskoye Laboratoriya~~, Vol XVI, No 6,  
# 1950, pp. 648-650

Brutcher Tr 3164

Sci - Misc/Intels  
CW/DM

10,450  
Price \$2.00

Amperometric Determination of Manganese, Chromium,  
and Vanadium in Alloy Steels and Alloy Cast Irons,  
by G. A. Butenko, G. E. Bekleshova.

RUSSIAN, per. Zavo. Lab., Vol XVI, 1950, No 6,  
pp 650-658.

Brutcher Tr No 2717

Scientific - Minerals/Metals

\$6.85

14,424

Semi-Microchemical Method for Determining the  
Basicity of Slag, by ~~EX~~ B. A. Generozov,  
UNCLASSIFIED

RUSSIAN, per, Zavodskaya Laboratoriya, Vol XVI,  
1950, No 6, pp 666-668.

Butcher Order No 2985  
Price \$2.75

Scientific - Metallurgy

4/67

**KOKORIN, A.I.**

**Saved. Lab. Vol 16, 1950, #7, pp 777-780**

**Photoelectric Semi-Microdetermination of Titanium in  
Acid-Resisting Steel**

**Brucher Trans No 2714, \$4.60**

Colorimetric Determination of Aluminum With the New  
Reagent 'Stilbazo', by V. I. Kuznetsov, G. G. Karanovich  
D. A. Drapkina.

RUSSIAN, per, Zavod Lab, Vol XVI, No 7, 1950, pp 787-  
792.

Brutcher Tr 4036

56.40

Sci - Min/Met

Jan 58

57,377

Comparative Study of Various Methods of Determining  
Free Chlorine and Chloramines in Water, by Yu. Yu.  
Lur'e and Z. V. Nykolaeva, 16 pp.

RUSSIAN, Zavod Lab, Vol 16, No 7, 1950, pp 793-799.

Sci Museum No 51/8831

Scientific

Rating Real Resistance to Failure by A. I.  
Chipizhenko, 14 pp.

RUSSIAN, per, Zavod Lab, Vol XVI, No 7, 1950,  
pp 863-869.

ATIC MEL-572/III

Sci - Phys

Apr 61

IC-40429-M

147,781

GINZBURG, L.B.  
LIVSHITS, L.Ya.

ZAVOD IAB vol 16, 1950, #8, pp 918-923

Photocolorimetric Method for Manganese and Chromium in  
Nickel Electrolyte

Brutcher Trans 2713, \$5.85

A Bent-Crystal X-Ray Monochromator, by I. A. Bagaryatskii, E. V. Kolontsova.

RUSSIAN, per, Zavod Lab, Vol XVI, (8), 1950, pp 955-961.

*CIA/EDD/X1342*  
Fulmer Research Institute  
Tr No 33 OT/406

*FRI, 24 33*

Scientific - Physics, bent-crystal, X-ray, monochromator

Index Aeronauticus

*Sci Ser 52/2716*

Vacuum High-Temperature Camera for X-Ray Dif-  
fraction Analysis, by V. I. Prokhvatilov,  
E. I. Gindin, 3 pp.

RUSSIAN, per, Азобак Zavzod Lab, Vol XVI,  
1950, p 965. 9080645

ABC Tr-4746

167, 849

Sci  
Sep 61

Zavod Lab, Vol XVI, No 8, 1950, pp 986-1001

Concerning Laboratory Equipment for Chemical Analysis

Proj 7188

ST-112

SR NOV 14 1950

Concerning the Replacement ~~and~~ of Chloramine  
"T" in Analytical Chemistry by Other Forms of  
Chloramine, by B. N. Afanas<sup>U</sup>yev,

RUSSIAN, no per, Zavod Lab, Vol XVI, No 8,  
1950, pp 1011, 1012.

Insdoc T.958

Scientific - Chemistry

Jan dex (56) Indian Natl Sci Doc Center  
Hillside Road, New Delhi 12, India

30,215

Photocolorimetric Titration in the Analysis of Alloy  
steels, by M. S. Gaikhman et al.

Full translation.

RUSSIAN, per, Zavodskaya Laboratoriya, Vol XVI, No 9,  
1950, pp 1045-1048.

Brutcher Tr No 2986

USSR

scientific - Analysis, alloy, steel, titration

Pendulum Tribometer (Friction Gauge) For Measuring  
External Sliding Friction, by A. A. Dyatlov,  
I. B. Elin, S. A. Sukhov, 12 p.

RUSSIAN, par, Zavod Lab, 1950, Vol XVI, pp 1108-1111.

SLA 59-20569

Sci  
Mar 60  
Vol 3, No 1

110,985

A Laboratory Counter-Current Continuously-Acting  
Extraction Apparatus, by F. N. Stepanov, N. S.  
Vul'fson and ~~S.~~ A. Mykova, 3 pp.

RUSSIAN, Zavod Lab, Vol 16, No 9, 1950, p 1131.

Sci Museum Lib No 51/3367 - London

Sci- Chemistry

Determining the Coefficient of Thermal  
Conductivity of Ceramic Materials, by L. A.  
Plotnikov, 5 pp.

RUSSIAN, per, ~~Zavod~~ Zavod Lab, Vol XVI, 1950, ~~pp 1136-1139~~  
pp 1136-1139. 9079629, 9079630

AEC Tr-4646

Sci  
Aug 61

164, 879

Study of the Buoyancy Method of Phase Analysis for  
Carbon in Steels, by Yu. A. Klyachko, M. M. Shapiro,

RUSSIAN, per, Zavod, Lab, Vol XVI, No 10, 1950,  
pp 1173-82.

Brutcher Tr No 3526  
\$6.80

USSR  
Sci - Minerals/Metals  
Physics  
Chemistry

29,120

Determination of Columbium Carbide in Steels, by  
N. M. Popova, A. F. Platonova.

RUSSIAN, per, Zavod Lab, Vol XVI, No 10, 1950,  
pp 1182-1185.

Brutcher Tr 3155

Scientific - Minerals/Metals

Price \$3.90

Nov 53 CTS

7274

Colorimetric Method for the Determination of  
Oxygen in Water by Suirokonskiy, V. S. and  
T. H. Bondareva.

RUSSIAN, Zavod Lab, No 10, 1950, pp 1194-1199.

Sci Lib of London 52/0509

ABC 1573

Scientific  
SERIES - Chemistry

15,851

Determination of Small Percentages of Boron in  
Heat-Resisting Alloys and Alloy Steels, by A. G.  
Komarowski.

RUSSIAN, per, Zavod Lab, Vol XVI, No 10, 1950,  
pp 1228-1230.

Brutcher Trans No 2962

Scientific - Metallurgy, boron, alloys, steel

Determination of Oxygen in Steel, by R. S. Aksel'rod,  
L. S. Tarasova

<sup>2</sup>  
RUSSIAN, per, Lavod Lab, Vol XVI, No. 12, 1950,  
pp 1494-1495.

Brutcher Tr 3144

Scientific - Minerals/Metals  
CFS/DEK

Price \$1.80

8524

Methods for the Determination of Impurities in Inert  
Solids, by P. Z. Barbo.

Journal, Zavod Lab, Vol XVI, 1950, pp 1498-1500.

AEC Tr 1685

Scientific - Chemistry

Sep 53 CIS

5676

Speedy Method of Determining the Heat Resistance of  
Refractories, by M.H. Bluvshstein.

RUSSIAN, per, Zavodskaya Laboratoriya, No. 1, 1951,

pp 70-74

INSDOC/Ref. T.3931

Sci -

July 1967

334-445

Quantitative Determination of Beryllium by Means  
of Arsonic Acid, by A. I. Portnov, V. A. Grizo,  
A. I. Lalin, 8 pp.

RUSSIAN, per, Lavod Lab, Vol XIX, No 6, 1953,  
pp 660, 661. 9097336

YUKARA, AWRE Tr-25

ALL INFORMATION

191,277

Sci - Chem  
Apr 62

Determination of Cubic Chromium Carbide  
Cr<sub>23</sub>C<sub>6</sub> in Steel, by N. M. Popova, K. P.  
Sordkina. VECL

RUSSIAN, per, Zavod Lab, No 9, 1953,  
pp 1033, 1034.

BISI 1721  
ALL M. G. 1957  
(Ll. 10s. 04.)

Sci - Chem

Jun 60

117,244

A New Method of Electroanalysis, by E. G. Tur'yan

RUSSIAN, no per, Zavod Lab, Vol XXI, No 1, 1955,  
pp 17-20.

AEC Tr 2367  
Assoc Tech Sv Tr 45G5R

Scientific - Chemistry, Metals  
Feb 56 CTS/dex

31,137

Determination of Cementite (in Steel) in Presence  
of Vanadium and Molybdenum Carbides, by N. N.  
Popova, et al.

RUSSIAN, per, Zavod Lab, Vol, XXI, No 1, 1955,  
pp 22-24.

Brutcher Tr 3727 35,499

Sci - Minerals/Metals, Chemistry

Jun 1956

Separation of Vanadium From Titanium and Iron  
With a Cationite, by L. M. Orlova.

RUSSIAN, per, Zavodskaya Laboratoriya, Vol XXI,  
No 1, 1955, pp 29-30.

Brutcher Tr  
No 3654

30,250

Scientific - Min/Metals

Jan 56 CTS/DEX  
\$1.50

Microfilming of the Martensitic Transformation, by  
A. L. Belinky, V. I. Shtannikov, 7 pp.

RUSSIAN, per, Zavod Lab, Vol XXI, 1955, pp 62-66.  
9077951

AEC UCRL-tr-662 (L)

Sci - Eng

165,442

Aug 61